



Secure Business Connectivity

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## **HOB SCS 2.1** (Secure Communications Server)

The secure foundation for HOB RD VPN

Flexible, secure, economical

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### HOB Secure Communications Server (SCS)

HOB Secure Communications Server (SCS) is an operating system developed by HOB and based on open-source software. HOB SCS was redesigned completely and is not based on any previous distribution, rather, HOB SCS is an independent distribution.

HOB SCS is optimized for deployment with HOB RD VPN. This special design enables the fastest and simplest use of HOB RD VPN at the highest performance.

HOB SCS has a convenient and intuitively structured administration program, helping administrators to work effectively and efficiently. No other platform is better suited for the deployment of HOB RD VPN.

HOB SCS only has those components that are required for running HOB server applications. HOB SCS was developed with a strong emphasis on security and stability.

Not only does HOB SCS have all the functionality needed for HOB RD VPN, it also has the server components that are either directly integrated or are available as add-ons (e.g., NTP time server, SSH access).

After installing HOB SCS you have a secure, hardened operating system at your disposal. No additional security adjustments need be made. Its restriction to the essential and necessary components minimizes the risk of making a faulty configuration.

HOB SCS can be operated and administrated without a superuser or root login. To ensure continued security, HOB updates are regularly available.

### HOB SCS with HOB RD VPN

As an SSL-based VPN solution for secure remote access, HOB RD VPN is a leader in its technological field. With HOB SCS, HOB RD VPN gets a stable and secure operating system that ensures HOB RD VPN will run smoothly and free of unwanted interruptions.

HOB SCS was specially developed to optimally utilize all the performance of HOB RD VPN. HOB SCS with HOB RD VPN is the ideal combination for effective deployment in enterprise environments. HOB SCS and HOB RD VPN together form a full-fledged software appliance.

### Deployment and Operation

Initial use of HOB RD VPN is enormously simplified when it is run on the HOB SCS operating system.

HOB SCS is extremely adaptable. During installation, the appropriate architecture (x86 or EM64T/AMD64) and version are automatically selected. HOB SCS contains versions

for single CPU systems to multicore systems up to 64 processor units. Versions for larger systems (> 64 CPU's), if desired, can be supplied. Intel Itanium support is currently under development.

To use HOB SCS, no special knowledge of UNIX systems is required. Any administrator can install and configure HOB SCS. This is made possible by the integrated Web frontend HOBmin. Experienced administrators will also be pleased with HOB SCS, as it is a complete OS.

HOB SCS is available not only as a software platform (SP), it also comes as a virtual appliance (VP). This is available in Open Virtualisation Format (OVF) and can be directly imported into a VMware vSphere. Hereby, the scope of functionality is identical to that of the software platform.

## Administration with HOBmin

All changes to the HOBmin settings are recorded in detail in the logbook and can thus be retraced and understood at any later stage. The generated backups can be transferred to UNIX/Linux and Windows systems.

With HOBmin, customer-specific modifications for HOB RD VPN can be made. A module that creates an adaptable diagnosis file which can be analyzed by the HOB engineers rounds out this offer. Connection tests on the protocol level for target systems can also be run.

## Certificate Management

Certificate management is convenient and has been extended in HOB SCS 2.1. During installation, new server certificates, which can be directly managed with HOBmin, are created.

## Open Source Technology

Proven and widely distributed open source technology is the foundation on which SCS is built. The selected software components are technically mature and therefore exceptionally

### HOB Remote Desktop Virtual Private Network



stable. Open source software is considered to be especially secure. Open source software components are, thanks to their general availability, very well-suited as investment protection.

The deployment of open source software frees you to use almost any hardware you choose. Support for future hardware components comes quickly and effectively.

## Stability and Security

As soon as it is installed, HOB SCS is configured to be secure and hardened.

Updates and patches can be easily installed into HOB SCS and in no way impinge on HOB RD VPN's functionality.

## Highlights

- Server operating system developed by HOB
- Optimized for use with HOB RD VPN
- Easy installation, requires no previous knowledge of UNIX/Linux
- Integrated certificate management
- Comprehensive protocol and auditing options
- Logging/Auditing of configuration changes with HOBmin
- Intuitive administration with HOBmin
- HOBmin's design is perfectly compatible with HOB RD VPN
- Backups can be transferred via FTP, SCP/SSH and CIFS/SMB
- HOBmin and HOB RD VPN both have the same certificates
- HTTPS certificates for WebServerGate can be imported via HOBmin
- Bookmarks for WebServerGate can be configured with HOBmin
- HTML files can be downloaded, uploaded and deleted
- Individual design modifications for HOB RD VPN can be made
- Connection tests on the protocol level can be carried out
- Enhanced status report with load values
- Process display shows all processes with load in detail
- Logs are written to a database
- Log-queries can be saved and their results downloaded
- Supports all conventional hardware systems
- Available as a software platform or virtual appliance

## Installation Options

HOB SCS is available as a software platform (SP) or as a virtual appliance (VP). The virtual appliance comes in Open Virtualisation Format (OVF) and can be directly imported into VMware vSphere. The scope of functionality is the same as with the software platform.

HOB SCS can be installed in three different versions, each with various features.

- HOB RD VPN
- HOB RD VPN Compact
- HOB RD VPN NetAccess

## System Requirements:

- x86 or EM64T/AMD64 platform as of Pentium III, 1GHz
- Min. 512 MByte main memory
- At least 10 GByte harddisk
- At least 1 network card

## About HOB

HOB GmbH & Co. KG is a mid-sized German software enterprise that develops and markets innovative remote access solutions worldwide.

The core competencies of HOB, founded in 1964, comprise server-based computing, secure remote access, VoIP and virtualization solutions that are deployed in small, mid-sized and large enterprises. Products are certified by the BSI (*Bundesamt für Sicherheit in der Informationstechnik* = German Federal Office for Information Security), in accordance with the Common Criteria.

HOB employs in its Cadolzburg, Germany headquarters and branch offices throughout the world about 120 people, half of which are in the development departments. HOB has branch offices in Malta and in the USA, as well as a partner corporation in Mexico.

## Contacts and Addresses

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